| Work Orde<br>June-24-13 1:56           |                       | 3577   |                | *10                | 035 | 77*          |             |              |               |             |               |                  | Page 1         |
|--|-----------------------|--|----------------|--------------------|-----|--------------|-------------|--------------|---------------|-------------|---------------|------------------|----------------|
| Item ID:<br>Revision ID:<br>Item Name: | D4016-5 Hinge Half, L |  |                | Accept 1           | *   | N9000        | <b>14</b> 0 | 100          | )*            | Setup       | Start<br>Stop | *N:              | S1*<br>S2*     |
| Start Date:                            | 6/24/13               | Start Qty: 6.00                                    | 767            | 14.                |     | Cust Item ID | <b>)</b> :  |              |               |             |               |                  | •              |
| Required Date:<br>Reference:           | //05/13               | Req'd Qty: 6.00                                    | **             | •                  |     | Customer:    |             |              |               |             |               |                  |                |
| Approvals:                             | Process Pla           | an: MLJ  | Date: 12 706   | 76 Tooling:        |     | Dat          | te:         |              |               |             | Start         | *N               | R1*            |
|  |                       |  | Date:          | SPC (Y/N):         |     | Dat          | te:         |              |               |             | Stop          | *N               | R2*            |
| Sequence ID/<br>Work Center II         | D                     | Operation Description                              |                | Set Up/<br>Run Hou | ırs | Tool ID      | Tool #      | Plan<br>Code | Accept<br>Qty | Reje<br>Qty |               | Reject<br>Number | Insp.<br>Stamp |
| Draw Nbr                               | Rev                   | vision Nbr   |                |                    |     |              |             |              |               |             |               |                  |                |
| D4016                                  | Α                     |  |                |                    |     |              |             |              |               |             |               |                  |                |
| 100                                    |                       | Cut blanks as per folio                            |                | 0.00               |     |              |             |              | 10            |             |               |                  |                |
| *100*<br>Bandsaw                       |                       | Memo   |                | 0.00               |     |              |             |              | 2             |             | <del></del> - |                  | JLB-7-20       |
| Jeaspa Bandsaw                         |                       | CUI BLAN   | K as per folio |                    |     |              |             |              |               |             | î.            |                  |                |
| 110                                    |                       |  |                | 0.00               |     |              |             |              |               |             | •             |                  |                |
| *110*                                  |                       |  |                | 0.00               | JFC | 2013-07-     | -24         | •            | _12           | 9           | <u>b</u> .    |                  |                |
| HAAS 1 HAAS CNC vertica                | ıl machine #1         | Memo<br>MACHINE<br>FOLIO REV<br>DWG REV:<br>DEBURR |                |                    |     |              |             |              |               |             |               |                  |                |

| DQA:          |         |         | Date:     |       |          |                                |     |          |                     |                        |     |                    |                            | _         | TQAG <sup>e</sup>                          |   |
|---------------|---------|---------|-----------|-------|----------|--------------------------------|-----|----------|---------------------|------------------------|-----|--------------------|----------------------------|-----------|--|---|
| QA Closed:    |         |         | Date:     |       |          | WORK ORDER NON                 | -C( | ONFO     | RMANCE / UF         |                        | Wor | k Order up         | odate only                 | _]        | AEROSPACE                                  |   |
| Work Orde     | r:      |         |           |       |          | DISPOSITION                    |     |          |                     | AGAINST I              | DEP | ARTMENT            | /PROCESS                   |           |  | - |
| Part N        |         |         |           |       |          | Rework Scrap                   |     |          | Skid-tube Machining | Crosstube<br>Small Fab |     | Pro                | Water Jet<br>d. Eng. Coor. | $\exists$ | Engineering Quality                        |   |
| NCR N         | 10      |         |           |       |          | Use-as-is Suspected Unapproved |     | Therr    | noforming Large Fab | Finishing<br>Composite |     | Rec/Stor           | re/Packaging<br>Supplier   |           | Other                                      |   |
| Root          |         | Ï       |           |       | Descr    | iption of work order update    |     | Initial  | Acti                | on                     |     | Sign &             |                            | T         |  |   |
| Cause         | D.      | ate     | Step      | Qty   |          | or non-conformance             | Ch  | nief Eng | Descri              | ption                  |     | Date               | Verification               | n L       | QC Inspector                               |   |
| Design        |         |         |           |       |          |                                |     |          |                     |                        |     |                    |                            |           |  |   |
| Doc/Data      |         |         |           |       |          |                                |     |          |                     |                        |     |                    |                            |           |  |   |
| Equip/Tooling | _       |         |           | 1 1   |          |                                |     |          |                     |                        |     |                    |                            |           |  |   |
| Handling/Pre  |         | ļ       |           |       |          |                                | -   |          |                     |                        |     |                    |                            |           |  |   |
| Material      | _       |         |           |       |          |                                |     |          |                     |                        |     |                    |                            |           |  |   |
| Operator      | _       |         |           | :     |          |                                |     |          |                     |                        |     |                    |                            |           | •  |   |
| Offset/Setup  |         | İ       |           |       |          |                                |     |          |                     |                        |     |                    |                            |           |  |   |
| Process       | _       |         |           |       |          |                                |     |          |                     |                        |     |                    |                            |           |  |   |
| Supplier      | _       | 1       |           |       |          |                                |     |          |                     |                        |     |                    |                            |           |  |   |
| Training      | _       |         |           |       |          |                                |     |          |                     |                        |     |                    |                            |           |  |   |
| Transport     | _       |         |           |       |          |                                |     |          |                     |                        |     |                    |                            |           |  |   |
| Unapproved    |         |         |           |       |          |                                |     |          |                     |                        |     |                    |                            |           |  | _ |
|               |         |         |           |       |          |                                | FAI | ULT CA   | TEGORY              |                        | _   |                    |                            |           |  |   |
| Landir        | ng Gear |         |           |       |          | General                        |     |          |                     |                        |     |                    | _                          |           |  |   |
|               | Ben     | ding    |           |       |          | Bend                           |     | Folio/F  | rogram              |                        |     | Outside Dim        | ensions                    | F         | Pressure/Forced                            |   |
|               | Cen     | tre Not | Concen    | ntric | <b>—</b> | BOM/Route                      |     | Grain    |                     | Ĺ                      |     | Over/Under         | tolerance                  |           | Set-up                                     |   |
|               | Crac    | ks      |           |       | Ш        | Broken/Damage/Defect           |     | Hardwa   | ire                 |                        | F   | art Incorred       | ct                         | ]T        | emperature/Cure                            |   |
|               | Crim    | np/Kink | c/Ripple, | /Wave |          | Burrs                          |     | Inspect  | ion Incomplete/Un   | qualified              | F   | art Lost/Mi        | ssing                      | \         | Weld                                       |   |
|               | Cuff    | s       |           |       |          | Contamination                  |     | Instruct | ions Incomplete/U   | nclear                 | F   | art Moved          |                            | $\Box$ \  | Wrong Stock Pulled                         |   |
|               | Crus    | hing    |           |       |          | Countersink                    |     | Misalig  | ned/off center      |                        | F   | ositioned <b>V</b> |                            |           |  |   |
|               | Hea     | t Treat |           |       |          | Cut Too Short                  |     | Mislabe  | eled                |                        | P   | ower Loss/         | Surge                      |           | Other                                      |   |
|               | Insp    | ection  | Strip in  | Tube  |          | Drawing                        |     | Misread  | t                   | -                      |     |                    | •                          |           |  |   |
|               | Mar     | ks/Cha  | itter     |       |          | Drill Holes                    |     | Off-set  |                     |                        |     |                    |                            |           |  | • |
|               | Turr    | ning Se | quence    |       |          | Finish                         |     | Out of   | Calibration         |                        | _   |                    |                            |           |  | • |
|               | Way     | e/Twis  | st in Tub | ne    |          | Fit/Function                   |     | Out of   | Saguanca            |                        | _   |                    |                            |           | 1 may 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |   |

| Work Ord June-24-13 1:5                      |                              | 03577  |                  | *1(                | 135 | 77*            |              |               |                    |                  | Page           |
|--|------------------------------|--|------------------|--------------------|-----|----------------|--------------|---------------|--------------------|------------------|----------------|
| Item ID: Revision ID: Item Name: Start Date: | D4016-5  Hinge Half, 6/24/13 | Light Lid  Start Qty: 6.00                     | *6*              | Accept             | *   | N900040        | 1100         | <b>)*</b>     | Setup Star<br>Stop | 171              | S1*<br>S2*     |
| Required Date Reference:                     |                              | Req'd Qty: 6.00                                | *6*              |                    |     | Customer:      |              | _             |                    |                  |                |
| Approvals:                                   | Process P                    | lan:   | Date:            | Tooling:           |     | Date:          |              | F             | Run Star           | * *N             | R1*            |
| - <b>₹</b> *<br>- *                          | QC:                          |  | Date:            | SPC (Y/N):         |     | Date:          |              |               | Stop               | ' *N             | R2*            |
| Sequence ID/<br>Work Center I                | D                            | Operation Description QC2- Inspect parts off m | nachine FAI/FAIB | Set Up/<br>Run Hou | rs  | Tool ID Tool # | Flan<br>Code | Accept<br>Qty | Reject<br>Qty      | Reject<br>Number | Insp.<br>Stamp |
| *120*<br>QC<br>Quality Control               |                              | Memo   |                  | 0.00               | JFC | 2013-07-24     |              | 12            | <b></b> Ø          |                  |                |
| 130  |                              | QC8- Inspect parts - seco                      | ond check        | 0.00               |     |                |              |               |                    |                  |                |

\*130\*

QC

Quality Control

QC8- Inspect parts - second check

Memo

0.00

St 13-07-24

12 0

160

Identify as per dwg & Stock Location: WA SON

\*160\* Packaging

Packaging

Memo

0.00

Page 2

| DQA:  |             | Da           | te:      |          | WORK ORDER NON-                | c        | NEOI     | DNAANICE / I II     | DDATE                  |                       |                            | ``DART              |
|---|-------------|--------------|----------|----------|--------------------------------|----------|----------|---------------------|------------------------|-----------------------|----------------------------|---------------------|
| QA Closed:  |             | Da           | te:      |          | WORK ORDER NON-                |          | JNFOI    | AIVIAIVCE / UI      |                        | Vork Order u <u>t</u> | odate only                 | AEROSPACE           |
| Work Orde   | ar:         |              |          |          | DISPOSITION                    |          |          |                     | AGAINST D              | EPARTMENT             | /PROCESS                   |                     |
| Part N  |             |              |          |          | Rework<br>Scrap                |          |          | Skid-tube Machining | Crosstube<br>Small Fab | Pro                   | Water Jet<br>d. Eng. Coor. | Engineering Quality |
| NCR N   | No          |              |          |          | Use-as-is Suspected Unapproved |          | Thern    | noforming Large Fab | Finishing Composite    | Rec/Sto               | re/Packaging<br>Supplier   | Other               |
| Root  |             |              |          | Desc     | ription of work order update   | Ī        | nitial   | Act                 | ion                    | Sign &                |                            |                     |
| Cause   | Da          | ate Ste      | p Qt     | у        | or non-conformance             | Ch       | ief Eng  | Descr               | ription                | Date                  | Verification               | QC Inspector        |
| Design Doc/Data Equip/Tooling Handling/Pre Material Operator Offset/Setup Process Supplier Training |             |              |          |          |                                |          |          |                     |                        |                       |                            |                     |
| Transport   |             |              |          |          |                                |          |          |                     |                        |                       |                            |                     |
| Unapproved  |             |              |          |          |                                |          |          |                     |                        |                       |                            |                     |
|   |             |              |          |          |                                | FAI      | ULT CAT  | regory              |                        |                       |                            |                     |
| Landi   | ng Gear     |              |          | _        | General                        | _        | 1 .      |                     | _                      | _                     | _                          | <del>_</del>        |
|   | Bend        | -            |          | <u> </u> | Bend                           | _        | 1        | rogram              |                        | Outside Dim           | <b>⊢</b>                   | Pressure/Forced     |
|   |             | re Not Cor   | icentric | $\vdash$ | BOM/Route                      | <u> </u> | Grain    |                     | ļ_                     | Over/Under            | _                          | Set-up              |
|   | Crac        |              |          | <u> </u> | Broken/Damage/Defect           | <u> </u> | Hardwa   |                     |                        | Part Incorre          | <b>⊢</b>                   | Temperature/Cure    |
|   |             | p/Kink/Rip   | ple/Wa   | ve       | Burrs                          | <u> </u> | 1        | ion Incomplete/Ur   |                        | Part Lost/Mi          | ssing                      | Weld                |
|   | Cuff        |              |          | <u> </u> | Contamination                  | <u> </u> | 4        | ions Incomplete/U   | Jnclear                | Part Moved            | L.                         | Wrong Stock Pulled  |
|   | Crus        | -            |          | <u> </u> | Countersink                    | <u> </u> | 1 -      | ned/off center      | -                      | Positioned V          | · · –                      | <b>-</b> .          |
|   | lacksquare  | t Treat      | . : 1    | _        | Cut Too Short                  | <u> </u> | Mislabe  |                     | L                      | Power Loss/           | Surge                      | Other               |
|   | <del></del> | ection Strip |          | -        | Drawing                        | <u> </u> | Misread  | İ                   |                        | **                    |                            |                     |
|   | <del></del> | ks/Chatter   |          | <u> </u> | Drill Holes                    | <u> </u> | Off-set  |                     |                        |                       |                            |                     |
|   | _           | ing Sequer   |          |          | Finish                         | <u> </u> | -        | Calibration         |                        |                       |                            |                     |
|   | į įWav      | e/Twist in   | Tube     | l        | Fit/Function                   | l        | Out of 9 | Sequence            |                        |                       |                            |                     |

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H:/FORMS/Quality Assurance\approved QA/NCRWO RevH

| Work Orde   |                       | 3577  |                      | *103                         | 3577*                    |            |              |               |                  |                                 | Page 3         |
|---|-----------------------|---|----------------------|------------------------------|--------------------------|------------|--------------|---------------|------------------|---------------------------------|----------------|
| Item ID:<br>Revision ID:<br>Item Name:                    | D4016-5 Hinge Half, I | ight Lid  |                      | Accept                       | *N900                    | <b>040</b> | 100          | )* s          | Setup Star       | IV                              | S1*<br>S2*     |
| Start Date:<br>Required Date:<br>Reference:               | 6/24/13               | Start Qty: 6.00<br>Req'd Qty: 6.00                | *6*<br>*6*           |                              | Cust Item I<br>Customer: | D:         |              |               |                  |                                 |                |
| Approvals:  | Process Pl            | an:   | Date:                | Tooling: SPC (Y/N):          |                          | ate:       |              | F             | Run Star<br>Stop | , "INF                          | ₹1*<br>₹2*     |
| Sequence ID/ Work Center II  170 *170* QC Quality Control | D                     | Operation Description QC21- Final Inspection Memo | - Work Order Release | Set Up/<br>Run Hours<br>0.00 | Tool ID                  | Tool#      | Plan<br>Code | Accept<br>Qty | Reject<br>Qty    | Reject<br>Number<br>-07-76<br>M | Insp.<br>Stamp |

| DQA:          |        |          | Date:      |       |          |                              |     |          |                     |                                       |       |                   |              | · |                    | 7     |
|---------------|--------|----------|------------|-------|----------|------------------------------|-----|----------|---------------------|---------------------------------------|-------|-------------------|--------------|---|--------------------|-------|
| QA Closed:    |        |          | Date:      |       |          | WORK ORDER NON-              | -CC | ONFO     | RMANCE / UPI        |                                       | Mark  | Ondon             | data anlu    |   | AEROSPACE          | <br>: |
| QA CIOSEU.    |        |          | Date.      |       |          |                              |     |          |                     | · · · · · · · · · · · · · · · · · · · | vvork | Order up          | date only    |   |                    |       |
| Work Orde     | er:    |          |            |       |          | DISPOSITION                  |     |          |                     | AGAINST [                             | DEPA  | RTMENT            | /PROCESS     |   |                    |       |
|               | _      |          |            |       |          | Rework                       |     |          | Skid-tube           | Crosstube                             |       |                   | Water Jet    |   | Engineering        |       |
| Part N        | ۱o     |          |            |       |          | Scrap                        |     |          | Machining           | Small Fab                             |       | Pro               | d. Eng. Coor | П | Quality            |       |
|               |        |          |            | -     |          | Use-as-is                    |     | Therr    | noforming           | Finishing                             |       | Rec/Stor          | e/Packaging  |   | Other              |       |
| NCR N         | No     |          |            |       |          | Suspected Unapproved         |     |          | Large Fab           | Composite                             |       |                   | Supplier     |   |                    |       |
| Root          |        |          |            |       | Descr    | ription of work order update | 1   | nitial   | Actio               | on                                    | 1 9   | Sign &            |              |   |                    |       |
| Cause         | •      | Date     | Step       | Qty   |          | or non-conformance           | 1   | ief Eng  | Descrip             |                                       |       | Date              | Verification | n | QC Inspector       |       |
| Design        |        |          |            |       |          |                              |     |          | '                   |                                       |       |                   |              |   |                    | _     |
| Doc/Data      |        |          |            |       |          |                              |     |          |                     |                                       |       |                   |              |   |                    |       |
| Equip/Tooling |        |          |            |       |          |                              |     |          |                     |                                       |       |                   |              |   |                    |       |
| Handling/Pre  |        |          |            |       |          |                              |     |          |                     |                                       |       |                   |              |   |                    |       |
| Material [    |        |          |            |       |          |                              |     |          |                     |                                       | - [   |                   |              |   |                    |       |
| Operator      |        |          |            |       |          |                              |     |          |                     |                                       |       |                   |              |   |                    |       |
| Offset/Setup  |        |          |            |       |          |                              |     |          |                     |                                       |       |                   |              |   |                    |       |
| Process       |        |          |            |       |          |                              |     |          |                     |                                       |       |                   |              |   |                    |       |
| Supplier      |        |          |            |       |          |                              |     |          |                     |                                       |       |                   |              |   |                    |       |
| Training      |        | :        |            |       |          |                              |     |          |                     |                                       |       |                   |              |   |                    |       |
| Transport     |        |          |            |       |          |                              |     |          |                     |                                       | ı     |                   |              |   |                    |       |
| Unapproved    |        |          |            |       |          |                              |     |          |                     |                                       |       |                   |              |   |                    |       |
| <u> </u>      |        |          |            |       |          |                              | FA  | JLT CA   | TEGORY              |                                       |       |                   |              |   |                    |       |
| Landir        | ng Gea | r        |            |       |          | General                      |     |          |                     | _                                     |       |                   |              |   |                    |       |
|               | Be     | nding    |            |       |          | Bend                         |     | Folio/F  | rogram              |                                       | Ou    | itside Dim        | ensions      |   | Pressure/Forced    |       |
|               | Ce     | ntre No  | t Concer   | ntric |          | BOM/Route                    |     | Grain    |                     |                                       | Ov    | er/Under          | tolerance    |   | Set-up             |       |
|               | Cr     | acks     |            |       |          | Broken/Damage/Defect         |     | Hardwa   | ire                 |                                       | Pa    | rt Incorre        | ct .         |   | Temperature/Cure   |       |
|               | Cr     | imp/Kin  | k/Ripple   | /Wave |          | Burrs                        |     | Inspect  | ion Incomplete/Unqu | ualified [                            | Pa    | rt Lost/Mi        | ssing        |   | Weld               |       |
|               | Cu     |          |            |       |          | Contamination                |     | Instruct | ions Incomplete/Un  | clear                                 | Pa    | rt Moved          |              |   | Wrong Stock Pulled |       |
|               | Cr     | ushing   |            |       |          | Countersink                  |     | Misalig  | ned/off center      |                                       | Po    | sitioned <b>V</b> | <b>Vrong</b> |   |                    |       |
|               | ЩН€    | eat Trea | t          |       | <u> </u> | Cut Too Short                |     | Mislabe  | eled                | [                                     | Po    | wer Loss/         | Surge        |   | Other              |       |
|               | L In:  | spection | Strip in   | Tube  |          | Drawing                      |     | Misread  | b                   | _                                     |       |                   |              |   |                    |       |
|               | м      | arks/Ch  | atter      |       |          | Drill Holes                  |     | Off-set  |                     |                                       |       |                   |              |   |                    |       |
|               | ШTu    | rning Se | equence    |       |          | Finish                       |     | Out of   | Calibration         |                                       |       |                   |              |   |                    |       |
|               | l lw   | ave/Tw   | ist in Tuh | ne    |          | Fit/Function                 |     | Out of   | Seguence            |                                       |       |                   | "            |   |                    | _     |

June-24-13 1:58:35 PM

Work Order ID:

103577

Parent Item:

D4016-5

Parent Item Name:

Hinge Half, Light Lid

**Start Date:** 6/24/13

Required Date: 7/05/13

Start Qty: 6.00

Required Qty: 6.00

Comments:

IPP REV:A NEW ISSUE 09-11-27 JLM VERIFIED BY:DD

10.02.22 verified by EC

IPP Rev:B as per dwg REV.A DD

|  | 10.02.22 Verifica o    | y.LC          |             |                     |                  |                 |                    |                |             |              |               |                |        |
|--|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| Component Item ID/ Item Name   | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
| M6061T6B0.750X00.750<br>6061-T6 Bar .750 x .750  |                        | Purchased     | No          | ٠.                  |                  | 100             | f                  | 11.2980        | 0.09        | 0.5684208    | / الا         | 3-7-6          | 20     |
| A Committee of the Comm |                        |               |             | <b>Location</b>     |                  | Loc Oty         | Lo                 | c Code         |             |              |               |                |        |

MAT049 11.298 124443 0.485 10.813 125590

| DQA:          |          | D            | ate: _   |       |       |                             |          |              |                            |    |              |               | <b>~</b>                 |             |
|---------------|----------|--------------|----------|-------|-------|-----------------------------|----------|--------------|----------------------------|----|--------------|---------------|--------------------------|-------------|
| 04 (1         |          | _            |          |       |       | WORK ORDER NON              | -C(      | ONFO         | RMANCE / UPDATE            |    | 101          | 1 t <b>F</b>  | ~ <i>3℃</i><br>¬ ^ A E F | OSPACE      |
| QA Closed:    |          | U            | ate:     |       |       |                             | _        |              |                            | VV | ork Order up | odate only    |                          |             |
| Work Orde     | er:      |              |          |       |       | DISPOSITION                 |          |              | AGAINST                    | DE | PARTMENT     | /PROCESS      |                          |             |
| .,            |          |              |          |       | _     | Rework                      | 1        |              | Skid-tube Crosstube        |    |              | Water Jet     | Enginee                  | ring        |
| Part N        | lo.      |              |          |       |       | Scrap                       | 1        |              | Machining Small Fab        | -  | Pro          | d. Eng. Coor. |                          | ality       |
|               |          |              |          |       | _     | Use-as-is                   | 1        |              | moforming Finishing        |    | 1            | re/Packaging  |                          | ther        |
| NCR N         | 10       |              |          |       |       | Suspected Unapproved        | ]        |              | Large Fab Composite        |    |              | Supplier      |                          |             |
|               |          |              |          |       |       |                             | _        |              | <del></del> .              |    |              | _             |                          |             |
| Root          |          |              |          |       | Desci | iption of work order update |          | Initial      | Action                     |    | Sign &       |               |                          |             |
| Cause         | Dat      | e S          | tep      | Qty   |       | or non-conformance          | Ch       | ief Eng      | Description                |    | Date         | Verification  | QC Ins                   | spector     |
| Design        |          | ŀ            |          |       |       |                             |          |              |                            |    |              |               |                          |             |
| Doc/Data      | _        |              |          | ŀ     |       |                             |          |              |                            |    |              |               |                          |             |
| Equip/Tooling |          | 1            |          |       |       |                             |          |              |                            |    |              |               |                          |             |
| Handling/Pre  | _        |              |          |       |       |                             |          |              |                            |    |              |               |                          |             |
| Material      |          |              |          |       |       |                             |          |              |                            |    |              |               |                          |             |
| Operator      |          |              |          |       |       |                             |          |              |                            |    |              |               |                          |             |
| Offset/Setup  | $\vdash$ |              |          |       |       |                             |          |              |                            |    |              |               |                          |             |
| Process       |          | İ            |          |       |       |                             |          |              |                            |    |              |               |                          |             |
| Supplier      |          |              |          |       |       |                             |          |              |                            |    |              |               | :                        |             |
| Training      |          |              |          |       |       | · •                         |          |              |                            |    |              |               |                          |             |
| Transport     |          | ļ            |          |       | •     |                             |          |              |                            |    |              |               |                          |             |
| Unapproved    |          | <u> </u>     | 1        |       |       |                             | EAL      | III T CA     | TEGORY                     |    | <u> </u>     |               | <u> </u>                 | •           |
| Landii        | ng Gear  |              |          |       |       | General                     | FA       | OLI CA       | IEGORI                     |    |              |               |                          |             |
|               | Bendi    | nø           |          |       |       | Bend                        |          | ]<br>Folio/E | Program                    |    | Outside Dim  | ensions [     | Pressure/F               | orcod       |
|               | _        | e Not Co     | oncen    | itric |       | BOM/Route                   | -        | Grain        | ·                          | -  | Over/Under   |               | Set-up                   | orceu       |
|               | Crack    |              |          |       |       | Broken/Damage/Defect        | $\vdash$ | Hardwa       | are                        | -  | Part Incorre |               | Temperatu                | ire/Cure    |
|               |          | -<br>/Kink/R | Ripple/  | /Wave |       | Burrs                       | $\vdash$ | 1            | ion Incomplete/Unqualified |    | Part Lost/Mi | <b>)</b> -    | Weld                     | ire, cure   |
|               | Cuffs    |              |          |       |       | Contamination               | $\vdash$ | 4            | tions Incomplete/Unclear   |    | Part Moved   |               | Wrong Sto                | ck Pulled   |
|               | Crush    | ing          | •        | ,     |       | Countersink                 |          | 4            | gned/off center            |    | Positioned V | L<br>Vrong    |                          |             |
|               | Heat     |              |          |       |       | Cut Too Short               |          | Mislabe      | •                          |    | Power Loss/  |               | Other                    |             |
|               | _        | ction St     | rip in ` | Tube  |       | Drawing                     |          | Misrea       |                            | _  | 1            | · [           |                          |             |
|               | Mark     | s/Chatte     | er       |       |       | Drill Holes                 |          | Off-set      |                            |    |              |               |                          | <del></del> |
|               | Turnii   | ng Sequ      | ence     |       |       | Finish                      |          | -            | Calibration                |    |              |               |                          |             |
|               | Wave     | /Twist i     | n Tuhi   | e     |       | Fit/Function                |          | Out of       | Seguence                   |    |              |               |                          | *           |

| DART AEROSPACE LTD                 | Work Order:  | 103577      |
|------------------------------------|--------------|-------------|
| Description: Hinge Half, Light Lid | Part Number: | D4016-5     |
| Inspection Dwg: D4016 Rev: A       |              | Page 1 of 1 |

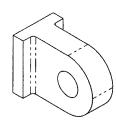
## FIRST ARTICLE INSPECTION CHECKLIST

| Drawing<br>Dimension | Tolerance     | Actual<br>Dimension | Accept   | Reject | Method of Inspection          | Comments   |
|----------------------|---------------|---------------------|----------|--------|-------------------------------|------------|
| 0.88                 | +/-0.030      | 0.877               | V        |        | Caliper                       | 3Fe-01     |
| 0.13                 | +/-0.030      | 0.125               | /        |        | HG                            | 31000      |
| 0.250                | +/-0.010      | 0.250               | <b>/</b> |        | Callper                       | steoi      |
| R0.03                | +/-0.030      | R0.030              |          |        | Rod 6                         | Ore        |
| 0.13                 | +/-0.030      | 0.125               | /        |        | Rod 6<br>Calipor              | dreol      |
| 0.50                 | +/-0.030      | 0.499               |          |        | 1.                            | <i>t</i> ( |
| 0.63                 | +/-0.030      | 0.627               | <b>✓</b> |        | Caliper<br>Caliper<br>Caliper | JFC01      |
| 0.563                | +/-0.010      | 0.5615              | <b>/</b> |        | Caliper                       | DFE-01     |
| Ø0.257               | +0.006/-0.001 | 0.2585              | <b>√</b> |        | Caliper                       | ofcol      |
|                      |               |                     |          |        |                               |            |
|                      |               |                     |          |        |                               |            |
|                      |               |                     |          |        |                               |            |
|                      |               |                     |          |        | ·                             |            |
|                      |               |                     |          |        |                               |            |
| -                    |               |                     |          |        |                               |            |
|                      |               |                     |          |        |                               |            |
|                      |               |                     |          |        |                               |            |
|                      |               |                     |          |        |                               |            |
|                      |               | .,                  |          |        |                               |            |
|                      |               |                     |          |        |                               |            |
|                      |               |                     |          |        |                               |            |

| Measured by: JFC | Audited by: | SI       | Preliminary Approval: |  |
|------------------|-------------|----------|-----------------------|--|
| Date: 2013-07-24 | Date:       | 13-07-24 | Date:                 |  |

| Rev | Date     | Change    | Revised by | Approved |
|-----|----------|-----------|------------|----------|
| Α   | 10.06.07 | New Issue | KJ 👫       |          |
|     |          |           | 177        |          |

**D4016-1 HINGE HALF, BASE** 



D4016-3 HINGE HALF, LID

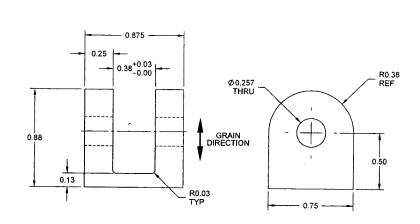
SERVICE RECEIVED ENGING: 1 UNCONTRACT TO CUPY SUBJECT TO ASSINDUAL SE WIPTOUT OF

13-06-76

D4016-5 HINGE HALF, LIGHT LID

RELEASED 2010 -02- 16

| A             | NEW ISS | WISSUE |   |  | 10.01.29     |  |
|---------------|---------|--------|---|--|--------------|--|
| REV.          |         |        | DESCRIPTION BY DATE   |  |              |  |
| DESIG         | N       | AJS    | DART AEROSPACE LTD  |  | מו           |  |
| DRAWN         |         | AJŞ    | HAWKESBURY, ONTARIO, CANADA   |  |              |  |
| CHECKED       |         | a      | DRAWING NO.   |  | REV. A       |  |
| MFG. APPR.    |         | 77     | D4016   |  | SHEET 1 OF 2 |  |
| APPROVED      |         | 10     | TITLE   |  | SCALE        |  |
| DE APPR.      |         | #      | BASKET HINGE  |  | NTS          |  |
| DATE 10.01.29 |         |        | COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS HIMMATE AND COMPRISE OF THE EMPLES CONCITION THAT IT IS NOT TO BE LIFED FOR ANY PLAPORE ON COMPRISE OR. TO ANY OTHER PERSON WITHOUT |  |              |  |



## **D4016-1 HINGE HALF, BASE**

D4016-3 HINGE HALF, LID **D4016-5 HINGE HALF, LIGHT LID** 

GRAIN DIRECTION 88.0

R0.03

····· 0.563 ····

0.50

0.13

0.63

0.13

0.250

R0.31 REF

Ø0.257 THRU

| DESIGN     | AJS  | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA   |              |
|------------|------|--|--------------|
| DRAWN      | AJS  |  |              |
| CHECKED    | 0    | DRAWING NO.  | REV. A       |
| MFG. APPR. | Z    | 7 D4016  | SHEET 2 OF 2 |
| APPROVED   | 10   | TITLE  | SCALE        |
| DE APPR.   | _#   | BASKET HINGE   | NTS          |
| DATE 10.0  | 1.29 | COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONDITION THAT IT IS |              |

NOTES: 1) MATERIAL -1 & -3: 304/316 STAINLESS STEEL BAR, PER ASTM A276 REF DART SPEC M304B

-5: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR, PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS4117/4128/4115/4116) OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B221 REF DART SPEC M6061T6B

REF DART SPEC M6061T6B

2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT -1: 0.09 lbs
-5: 0.01 lbs